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Client Name Application No.	PIC	Client/Matter No. (Dkd)	Amount	Description	Date
TM Bioscience 10/625,755	SSPE	53436/27		Information Disclosure Statement	



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of JANECKO, R.
Serial No.: 10/625,755
Filing Date: July 24, 2003
Title: POLYNUCLEOTIDES FOR USE AS TAGS AND TAG
COMPLEMENTS IN THE DETECTION OF NUCLEIC ACID
SEQUENCES
Atty's Docket No.: 53436/27

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INFORMATION DISCLOSURE STATEMENT

Dear Sir:

In accordance with 37 C.F.R. 1.56, the applicant wishes to call the attention of the Examiner to the references contained in an Information Disclosure Statement by Applicant (Substitute for form 1449A/PTO), enclosed herewith.

Documents listed in the Information Disclosure Statement have been taken from the files of the undersigned.

Should any Patent Office Official want to telephone, the call should be made to Mark Penner (Registration No. 48,092) at (416) 863-4283.

Yours very truly,



Mark D. Penner
Registration No. 48,092

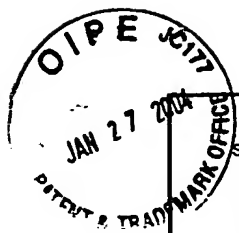
January 26, 2004
Date

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PATENT TRADEMARK OFFICE



Substitution for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known		
			Application Number		10/625,755
			Filing Date		
			First named Inventor		JANECZKO, R.
			Group Art Unit		
Examiner Name					
Sheet	1	of	3	Attorney Docket Number	53436/27

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	A1	4,851,331		VARY, <i>et al.</i>	07/25/1989	
	A2	4,942,124		CHURCH	07/17/1990	
	A3	5,391,480		DAVIS, <i>et al.</i>	02/21/1995	
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	A5	5,981,176		WALLACE	11/09/1999	
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	A8	6,322,971		CHETVERIN, <i>et al.</i>	11/27/2001	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
	B1	WO	WO93/17126		The Public Health Research Institute of the City of New York, Inc.	09/02/1993		
	B2	EP	0698792A		Nissui Seiyaku Co.	02/28/1996		
	B3	WO	97/31256		Cornell Research Foundation, Inc.	08/28/1997		
	B4	EP	0799897A		Affymetrix Inc.	10/08/1997		
	B5	WO	0058516A		Whitehead Biomedical Institute	10/05/2000		
	B6	WO	01/59151 A2		TM Bioscience Corporation	08/16/2001		
	B7	WO	02053728A		BOONE, C. et al.	07/11/2002		

Examiner Signature		Date Considered	
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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.



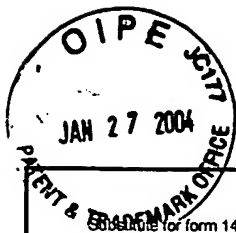
Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				C mplete if Known	
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				Group Art Unit	
Examiner Name					
Atty Docket Number	53436/27				
Sheet	2	of	3		

OTHER DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s) publisher, city and/or country where published	T ²	
	C1	BRESLAUER, et al., "Predicting DNA duplex stability from the base sequence", <i>Proc. Natl. Acad. Sci. USA</i> , June 1986, Vol. 83, pgs 3746-3750.		
	C2	CARUTHERS, et al., "Chemical Synthesis of Deoxyoligonucleotides by the Phosphoramidite Method", <i>Methods in Enzymology</i> , 1987, Vol. 154, pgs 287-313.		
	C3	CHURCH, et al., "Multiplex DNA Sequencing", <i>Science</i> , Vol. 240, April 8, 1988, pgs 185-188.		
	C4	KWOH, et al., "Transcription-based amplification system and detection of amplified human immunodeficiency virus type 1 with a bead-based sandwich hybridization format", <i>Proc. Natl. Acad. Sci. USA</i> , February 1989, Vol. 86, pgs 1173-1177.		
	C5	RYCHLIK, et al., "A computer program for choosing optimal oligonucleotides for filter hybridization, sequencing and <i>in vitro</i> amplification of DNA", <i>Nucleic Acids Research</i> , 1989, Vol. 17, No. 21, pgs 8543-8551.		
	C6	FODOR, et al., "Light-Directed, Spatially Addressable Parallel Chemical Synthesis", <i>Science</i> , February 15, 1991, Vol. 251, pgs. 767-773.		
	C7	NEEDEL, et al., "Generation and screening of an oligonucleotide-encoded synthetic peptide library", <i>Proc. Natl. Acad. Sci. USA</i> , November 1993, Vol. 90, pgs 10700-10704.		
	C8	MUELLER, et al., <i>Current Protocols in Molecular Biology</i> , 1993; Vol. 15, pg 5.		
	C9	ALPER, J., "Drug Discovery on the Assembly Line", <i>Science</i> , June 3, 1994, Vol. 264, pgs. 1399-1401.		
	C10	NIKIFOROV, et al., "Genetic Bit Analysis: a solid phase method for typing single nucleotide polymorphisms", <i>Nucleic Acids Research</i> , 1994, Vol. 22, No. 20, pgs 4167-4175.		
	C11	SOUTHERN, et al., "Arrays of complementary oligonucleotides for analysing the hybridisation behaviour of nucleic acids", <i>Nucleic Acids Research</i> , 1994, Vol. 22, No. 8, pgs 1368 - 1373.		
	C12	HENSEL, et al., "Simultaneous Identification of Bacterial Virulence Genes by Negative Selection", <i>Science</i> , July 21, 1995, Vol. 269, pgs 400-403.		
	C13	LYTTLE, et al., "Mutagenesis Using Trinucleotide β -Cyanoethyl Phosphoramidites", <i>BioTechniques</i> , 1995, Vol. 19, No. 2, pgs 274-280.		
	C14	MATSON, et al., "Biopolymer Synthesis on Polypropylene Supports: Oligonucleotide Arrays", <i>Analytical Biochemistry</i> , 1995, Vol. 224, pgs 110-116.		
	C15	SHOEMAKER, et al., "Quantitative phenotypic analysis of yeast deletion mutants using a highly parallel molecular bar-coding strategy", <i>Nature Genetics</i> , December 1996, Vol. 14, pgs 450-456.		
	C16	HERMANSON, et al., <i>Bioconjugate Techniques</i> ; Academic Press, 1996, pgs 640-671.		
	C17	HEAD, et al., "Nested genetic bit analysis (N-GBA) for mutation detection in the p53 tumor suppressor gene", <i>Nucleic Acids Research</i> , 1997, Vol. 25, No. 24, pgs. 5065-5071.		

Examiner Signature		Date Considered	
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Sheet	3	of	3	Examiner Name	
				Atty Docket Number	53436/27

OTHER DOCUMENTS				
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	C18	WEILER, et al., "Hybridisation based DNA screening on peptide nucleic acid (PNA) oligomer arrays", <i>Nucleic Acids Research</i> , 1997, Vol. 25, No. 14, pgs 2792-2799.		
	C19	PROUDNIKOV, et al. "Immobilization of DNA in Polyacrylamide Gel for the Manufacture of DNA and DNA-Oligonucleotide Microchips", <i>Analytical Biochemistry</i> , 1998, Vol. 259, pgs 34-41.		
	C20	ROBERTSON, et al., "An Introduction to PCR Primer Design and Optimization of Amplification Reactions", <i>Methods in Molecular Biology</i> , 1998, Vol. 98, pgs 121-154.		
	C21	PEYRET, et al., "Nearest-Neighbor Thermodynamics and NMR of DNA Sequences with Internal A·A, C·C, G·G, and T·T Mismatches", <i>Biochemistry</i> , 1999, Vol. 38, pgs 3468-3477.		
	C22	SOUTHERN, et al., "Molecular interactions on microarrays", <i>Nature Genetics Supplement</i> , January 1999, Vol. 21, pgs. 5-9.		
	C23	LIPSHUTZ, et al., "High density synthetic oligonucleotide arrays", <i>Nature Genetics Supplement</i> , January 1999, Vol. 21, pgs 20-24.		
	C24	NIEMEYER et al., "DNA-directed immobilization: Efficient, reversible, and site-selective surface binding of proteins by means of covalent DNA-streptavidin conjugates", <i>Analytical Biochemistry</i> , March 1999, Vol. 268, No. 1, pgs 54-63		
	C25	HACIA, et al., "Design of modified oligodeoxyribonucleotide probes to detect telomere repeat sequences in FISH assays", <i>Nucleic Acids Research</i> , 1999; Vol. 27, No. 20, pgs 4034-4039.		
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	C27	IANNONE, et al., "Multiplexed Single Nucleotide Polymorphism Genotyping by Oligonucleotide Ligation and Flow Cytometry", <i>Cytometry</i> , 2000, Vol. 39, pgs 131-140.		
	C28	KANE, et al., "Assessment of the sensitivity and specificity of oligonucleotide (50mer) microarrays", <i>Nucleic Acids Research</i> , 2000, Vol. 28, pgs 4552-4557.		
	C29	ZAMMATTEO, et al. "Comparison between Different Strategies of Covalent Attachment of DNA to Glass Surfaces to Build DNA Microarrays", <i>Analytical Biochemistry</i> , 2000, Vol. 280, pgs 143-150.		

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